

Environmental Management

Postgraduate Handbook 2018



THE UNIVERSITY OF
AUCKLAND
Te Whare Wānanga o Tāmaki Makaurau
NEW ZEALAND

SCIENCE

SCHOOL OF ENVIRONMENT

Welcome to the School of Environment



Environmental Management is a set of policy, regulatory, advocacy and market-based mechanisms which transform human behaviour to achieve society's goals for the environment.

Postgraduate study in Environmental Management is an excellent step toward a number of careers and is a strong foundation for postgraduate research. The School of Environment provides students with the opportunity to undertake research across a range of topics alongside many of New Zealand's leading scientists.

We have an impressive array of field equipment and analytical facilities to support our research activities, alongside a talented group of postgraduate students from around the world who help to provide a stimulating and supportive environment for your studies.

I am confident that you will find studying Environmental Management at the University of Auckland a satisfying and rewarding experience, and we look forward to working with you to meet your academic goals.

PROFESSOR PAUL KENCH
Head of School

Postgraduate studies and research in Environmental Management

Environmental Management is offered at a postgraduate level to enable students with strong disciplinary skills to gain the understanding and critical thinking required to become environmental stewards, policy makers and managers.

Consequently, our programmes emphasise the application of your existing knowledge to environmental problem solving. The postgraduate programme in Environmental Management has witnessed considerable growth since its inception, doubtless because of its close connections with cognate programmes and readily combinable courses in Environmental Science, Geography and other teaching subjects at the University of Auckland.

The Postgraduate Diploma in Science (PGDipSci) in Environmental Management

includes consideration of systems approaches, sustainable development, social and cultural drivers, economics, participatory processes, policy and governance. In addition, you may take courses from a range of associated disciplines including Environmental Science, Geography, Planning, Law, Biological Sciences, Politics, Population Health and Development Studies.

Environmental Management qualifications pathway

We welcome students from diverse backgrounds. The entry requirement for the PGDipSci in Environmental Management is an approved BA, BCom, BE, BSc, BPlan, LLB or equivalent degree. To be considered eligible for entry to the PGDipSci in Environmental Management students must have at least C+ average in their best five courses at Stage III. The postgraduate diploma can normally be completed in one year and is made up of eight courses, as specified in the programme table.

The Master of Science (MSc) in Environmental Management is a research degree. It is normally taken as a one-year (full-time) programme following a PGDipSci, with admission requiring an average grade equivalent to at least B-. Alternatively, it may be taken as a two-year (full-time) programme with a first year of taught courses, as with the PGDipSci, and then a thesis research project in the second year. In both cases students must have an approved research proposal and the support of a supervisor in order to commence the thesis year.

The degree of Doctor of Philosophy (PhD) may be of interest to students looking to pursue advanced research in Environmental Management. However, as Environmental Management is not offered as a PhD subject, students usually take their PhD in either Environmental Science or Geography.

www.science.auckland.ac.nz/phd

The Postgraduate Diploma in Science (Environmental Management)

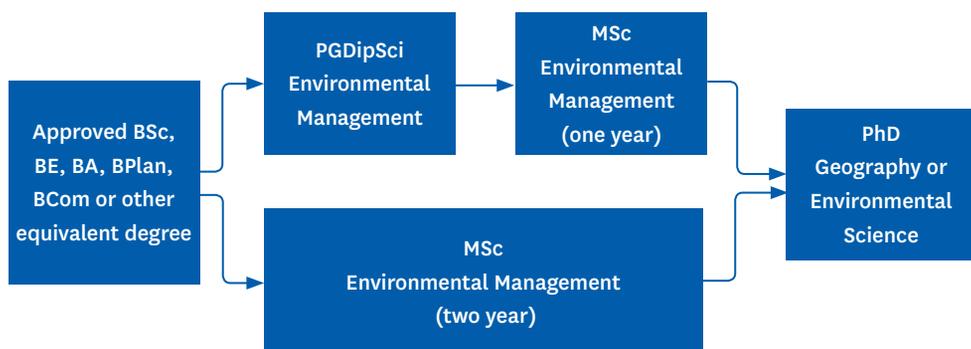
The PGDipSci in Environmental Management emphasises the use of interdisciplinary knowledge in pursuit of sustainable development. We aim to provide students with a sound understanding of the ecological, social and economic factors which underlie environmental problems and drive environmental change, as well as the processes, tools and methods that can be applied to them. The programme draws on a wide range of expertise from within and outside the School of Environment. A key feature of the programme is that it draws students from a variety of backgrounds. This diversity enriches the programme and provides valuable learning and networking opportunities.

As indicated in the table of programme requirements, some elements of the programme are prescribed, while others enable choices which reflect your interests. Choose your electives carefully and seek advice where appropriate.

Please note that some electives will require special permissions. Students can begin their study in either semester and take the programme full-time or part-time.

Master of Science (Environmental Management)

The Master of Science (MSc) in Environmental Management is normally taken as one-year (full-time) programme for students who have completed a postgraduate diploma or an honours degree in the appropriate subject, or an equivalent. This is a research degree and requires the successful completion of a 120-point research thesis. It may also be taken as two-year (full-time) programme following a BSc or BA or equivalent. In this case, the first year will consist of taught courses (as in a postgraduate diploma) and the second year includes the research thesis. Both forms may be taken on a part-time basis. Admission requires an average equivalent to at least a B- in your qualifying programme, as well as the approval of a supervisor for your proposed thesis project. Students are encouraged to discuss their options with the postgraduate adviser as well as potential supervisors in the school. It is important to commence discussions about your project well in advance of commencing your study.



The PGDipSci (Environmental Management) programme

Course code	Title	Semester
One core, research preparation course (15 points)		
GEOG 701	Research in Practice	1
At least four courses from the following (60 points)		
ENVMGT 741	Social Change for Sustainability	1
ENVMGT 742	Social Dimensions of Global Environmental Change	2
ENVMGT 743	Environmental Policy	1
ENVMGT 744	Resource Management	2
ENVMGT 746	Collaborative Environmental Management	1
Up to three courses from 700-level courses as approved by the programme adviser (45 points)		

A range of courses from the following subjects have been pre-approved as appropriate choices for the PGDipSci in Environmental Management:

Biological Science (BIOSCI), Development Studies (DEVELOP), Environmental Science (ENVSCI), Geography (GEOG), Environmental Law (LAWENVIR), Planning (PLANNING), Population Health (POPLHLTH) and Psychology (PSYCH).

For more information: www.env.auckland.ac.nz/pgdipsci_env_management

Elective courses beyond the pre-approved ones may be considered on a case-by-case basis depending on the student's background and career plan. Please contact the postgraduate adviser to discuss alternatives.



Careers in Environmental Management

The number of jobs in the environmental field is increasing through economic, social and legislative changes. Our graduates are employed by industries, environmental consultancies, non-government organisations, tertiary institutions, and regulatory authorities at local, regional and national levels, in New Zealand and overseas. For example, in recent years our graduates have been employed by the following New Zealand organisations:

- Air New Zealand
- Alliance Group
- Auckland Regional Transport Authority
- Beca Carter
- Bell Gully (barristers and solicitors)
- Cawthron Institute
- City, district and regional councils
- Department of Conservation
- Ecomatters
- Fernz Corporation

- Landcare Research
- Meritec (Consultants)
- Metrowater
- Ministry of Fisheries
- Ministry for the Environment
- National Institute of Water and Atmosphere (NIWA)
- Pattle Delamore (consultants)
- Red Cross
- Royal Forest and Bird Protection Society
- Royal Society of New Zealand
- Sandford Fisheries
- Scion
- SERCO Consultancy
- UNESCO
- URS (Environmental Consultants)
- WaiCARE
- Watercare Health Care
- World Wide Fund for Nature (WWF)



Environmental Management academic staff

Ann E Bartos | Lecturer

Feminist and youth geographies, political ecologies of food, waste and consumption, urban sustainability

Brad Coombes | Senior Lecturer

Resource and environmental management, indigenous participation in conservation, sustainability and environmental justice

Karen Fisher | Senior Lecturer

Environmental management, water governance, participatory development, development and the environment

JC Gaillard | Associate Professor

Disaster risk reduction (DRR), participatory tools for DRR; ethnicity, gender and DRR, armed conflicts and disasters, post-disaster resettlement, regional focus: Asia-Pacific

Susan Owen | Senior Lecturer

Environmental governance, climate change adaptation in small island states

Meg Parsons | Lecturer

Climate change adaptation, indigenous peoples and climate change, historical geography, environmental History

“The MSc in Environmental Management programme is designed for students who want to gain knowledge on environmental problem solving.

“I was working for a land management department in my home country, Botswana. One of my responsibilities was to advise the Land Board on sustainable land management in order to enable them to make sound land management resolutions and policies. This opened my eyes to a lot of complexities surrounding environmental issues in the country as well as globally. There are currently a lot of conflicting environmental acts and policies across the board and my desire to pursue this qualification was inspired by this.

“What I like about the courses is that it has enabled me to gain knowledge about how to deal with problems faced globally such as pollution, global warming and loss of biodiversity as well as an understanding in all the levers needed to address them.”

Mpho Keatlohoetswe is studying toward a Master of Science specialising in Environmental Management.



Helpful information

Academic dates

www.auckland.ac.nz/dates

Accommodation

www.accommodation.auckland.ac.nz

Apply for postgraduate study

www.auckland.ac.nz/applynow

Career Development and Employment Services

www.cdes.auckland.ac.nz

Childcare

www.auckland.ac.nz/childcare

Course advice and degree planning in Science

www.science.auckland.ac.nz/student-centre

Disability Services

www.disability.auckland.ac.nz

How to enrol

www.auckland.ac.nz/enrolment

Information for postgraduate students

www.postgraduate.ac.nz

International students

www.international.auckland.ac.nz

Libraries and Learning Services

www.library.auckland.ac.nz

Māori and Pacific students

www.science.auckland.ac.nz/tuakana

Need help?

www.askauckland.ac.nz

Postgraduate Students' Association

www.pgsa.org.nz

Rainbow Science Network for LGBTI students

www.science.auckland.ac.nz/rainbowsience

Scholarships and awards

www.scholarships.auckland.ac.nz

www.auckland.ac.nz/fees

www.auckland.ac.nz/studentloansandallowances

Support for students

www.science.auckland.ac.nz/support

Environmental Management Adviser

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Questions about Environmental Management?
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Disclaimer

Although every reasonable effort is made to ensure accuracy, the information in this document is provided as a general guide only for students and is subject to alteration. All students enrolling at the University of Auckland must consult its official document, the University of Auckland Calendar, to ensure that they are aware of and comply with all regulations, requirements and policies.



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